

 DIN 863 T4
(Style C1)

 0,001 mm
0,00005 in

 LCD, 7 mm
digit height

 Floating zero

 Metric/inch
Conversion

 Measuring faces
for application
ranges 3,5 to 12 mm:
hardened steel
(770 HV 30)
11 to 100 mm:
TiN hard-coating
(2300 HV 5)
100 to 300 mm:
carbide tipped
(1300 HV 5)

 3 V Lithium battery

 1 to 2 a
(≈ 2000 h/a)

 Automatic shut
down after 10 min.
Display setting is
retained as long as
power supply
remains stable.

 Measuring
element IP54
(IEC 60529) or
IP40 with active
data output

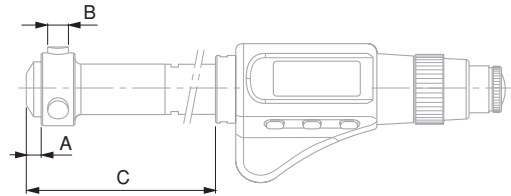
 TESA's
calibration
certificate

 Display lock

 RS232
opto-coupled,
bidirectional

TESA IMICRO CAPA μ SYSTEM with Digital Display

A successful combination of the patented TESA capacitive system with the IMICRO unique cone.



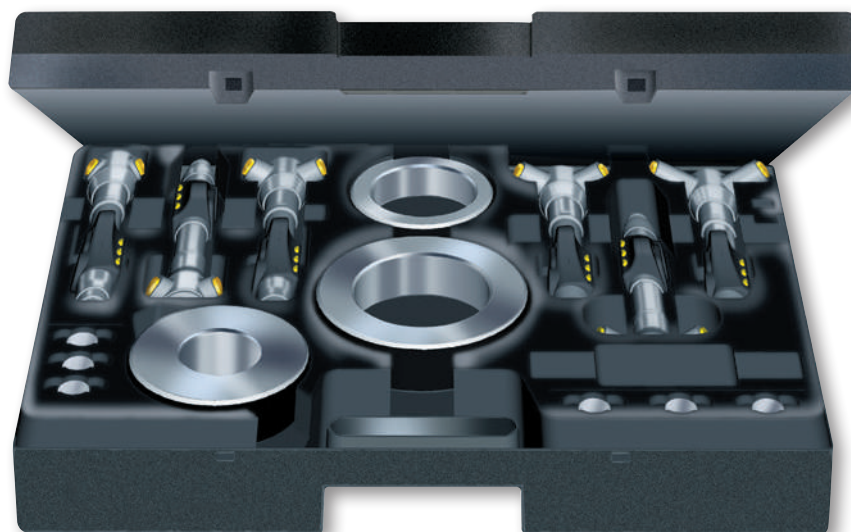
No							
	mm	in	μm	μm	A mm	B mm	C mm
06130101	3,5 ÷ 4	0.1377 ÷ 0.1574	4	4	2	1,5	20
06130102	4 ÷ 4,5	0.1574 ÷ 0.1771	4	4	2	1,5	20
06130103	4,5 ÷ 5,5	0.1771 ÷ 0.2165	4	4	2	1,5	25
06130104	5,5 ÷ 6,5	0.2165 ÷ 0.2559	4	4	2	1,5	25
06130105	6 ÷ 8	0.2362 ÷ 0.3150	4	4	2,5	2,5	79
06130106	8 ÷ 10	0.3150 ÷ 0.3970	4	4	2,5	2,5	79
06130107	10 ÷ 12	0.3970 ÷ 0.4724	4	4	2,5	2,5	79
06130108	11 ÷ 14	0.4330 ÷ 0.5512	4	4	3,5	4	93
06130109	14 ÷ 17	0.5512 ÷ 0.6693	4	4	3,5	4	93
06130110	17 ÷ 20	0.6693 ÷ 0.7874	4	4	3,5	4	93
06130111	20 ÷ 25	0.7874 ÷ 0.9843	4	4	7	7	91
06130112	25 ÷ 30	0.9843 ÷ 1.1811	4	4	7	7	91
06130113	30 ÷ 35	1.1811 ÷ 1.3780	4	4	7	7	91
06130114	35 ÷ 40	1.3780 ÷ 1.5748	4	4	7	7	91
06130115	40 ÷ 50	1.5748 ÷ 1.9685	4	4	11	12	104
06130116	50 ÷ 60	1.9685 ÷ 2.3622	5	5	11	12	104
06130117	60 ÷ 70	2.3622 ÷ 2.7560	5	5	11	12	104
06130118	70 ÷ 80	2.7560 ÷ 3.1496	5	5	11	12	104
06130119	80 ÷ 90	3.1496 ÷ 3.5433	5	5	11	12	104
06130120	90 ÷ 100	3.5433 ÷ 3.9370	5	5	11	12	104
06130121	100 ÷ 125	3.9370 ÷ 4.9212	6	6	26	18	100
06130122	125 ÷ 150	4.9212 ÷ 5.9055	6	6	26	18	100
06130123	150 ÷ 175	5.9055 ÷ 6.8897	7	7	26	18	100
06130124	175 ÷ 200	6.8897 ÷ 7.8740	7	7	26	18	100
06130125	200 ÷ 225	7.8740 ÷ 8.8582	8	8	26	18	100
06130126	225 ÷ 250	8.8582 ÷ 9.8425	8	8	26	18	100
06130127	250 ÷ 275	9.8425 ÷ 10.8267	8	8	26	18	100
06130128	275 ÷ 300	10.8267 ÷ 11.8110	8	8	26	18	100

OPTIONAL ACCESSORY

01961000 1 Lithium battery 3V, CR2032

TESA IMICRO CAPA μ SYSTEM with Digital Display – Full Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.



-  DIN 863 T4 (Style C1)
-  0,001 mm / 0.00005 in
-  LCD, 7 mm digit height
-  Floating zero
-  Metric/inch Conversion
-  Measuring faces for application ranges 3,5 to 12 mm: hardened steel (770 HV 30)
11 to 100 mm: TiN hard-coating (2300 HV 5)
100 to 300 mm: carbide tipped (1300 HV 5)
-  3 V lithium battery
-  1 to 2 a (≈ 2000 h/a)
-  Automatic shut down after 10 min. Display setting is retained as long as power supply remains stable.
-  Measuring element IP54 (IEC 60529) or IP40 with active data output
-  TESA's calibration certificate
-  Display lock
-  RS 232 opto-coupled, bidirectional

	 mm		 mm		 mm		 mm
		Singel micrometers		Setting rings		Extensions	
COMPOSITION OF THE SETS:							
06130220	3,5 ÷ 6,5	06130101	3,5 ÷ 4	00843200	4		
		06130102	4 ÷ 4,5	00843201	5,5		
		06130103	4,5 ÷ 5,5				
		06130104	5,5 ÷ 6,5				
06130221	6 ÷ 12	06130105	6 ÷ 8	00840101	8	00840001	100
		06130106	8 ÷ 10	00840102	10		
		06130107	10 ÷ 12				
06130222	11 ÷ 20	06130108	11 ÷ 14	00840103	11	00840301	150
		06130109	14 ÷ 17	00840104	17		
		06130110	17 ÷ 20				
06130223	20 ÷ 40	06130111	20 ÷ 25	00840106	25	00841100	150
		06130112	25 ÷ 30	00840107	35		
		06130113	30 ÷ 35				
		06130114	35 ÷ 40				
06130224	40 ÷ 100	06130115	40 ÷ 50	00840108	50	00841800	150
		06130116	50 ÷ 60	00840109	70		
		06130117	60 ÷ 70	00840110	90		
		06130118	70 ÷ 80				
		06130119	80 ÷ 90				
		06130120	90 ÷ 100				
06130225	100 ÷ 300	06130121	100 ÷ 125	00840112	125	00842600	150
		06130122	125 ÷ 150	00840113	175		
		06130123	150 ÷ 175				
		06130124	175 ÷ 200				

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0.00005 in

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digit height

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Conversion

 Measuring faces
for application
ranges
3,5 to 12 mm:
hardened steel
(HV30 770)
11 to 100 mm:
TiN hard-coating
(HV5 2300)
100 to 300 mm:
carbide tipped
(HV5 1300)

 3V lithium battery

 1 to 2 a
(≈ 2000 h/a)

 Automatic shut
down after 10 min.
Display setting is
retained as long as
power supply
remains stable.

 Measuring element
IP54 (IEC 60529) or
IP40 with active
data output

 TESA's
calibration
certificate

 Display lock

 RS232
opto-coupled,
bidirectional

TESA IMICRO CAPA μ SYSTEM with Digital Display – Partial Sets

A successful combination of the TESA patented capacitive measuring system with the IMICRO unique cone.



No	 mm	No	Elements	No	 Measuring heads	No	 mm	No	Setting rings	 mm	No	Extensions	 mm
COMPOSITION OF THE SETS:													
06130230	3,5 ÷ 6,5	06130010	06140020	3,5 ÷ 4	00843200	4							
			06140021	4 ÷ 4,5	00843201	5,5							
			06140022	4,5 ÷ 5,5									
			06140023	5,5 ÷ 6,5									
06130231	6 ÷ 12	06130011	06140024	6 ÷ 8	00840101	8	00840001	100					
			06140025	8 ÷ 10	00840102	10							
			06140026	10 ÷ 12									
06130232	11 ÷ 20	06130011	06140027	11 ÷ 14	00840103	11	00840301	150					
			06140028	14 ÷ 17	00840104	15							
			06140029	17 ÷ 20									
06130233	20 ÷ 40	06130011	06140030	20 ÷ 25	00840106	25	00841100	150					
			06140031	25 ÷ 30	00840107	35							
			06140032	30 ÷ 35									
			06140033	35 ÷ 40									
06130234	40 ÷ 100	06130011	06140034	40 ÷ 50	00840108	50	00841800	150					
			06140035	50 ÷ 60	00840109	70							
			06140036	60 ÷ 70	00840110	90							
			06140037	70 ÷ 80									
			06140038	80 ÷ 90									
			06140039	90 ÷ 100									
06130235	100 ÷ 300	06130012	06140040	100 ÷ 125	00840112	125	00842600	150					
			06140041	125 ÷ 150	00840113	175							
			06140042	150 ÷ 175									
			06140043	175 ÷ 200									

Set available on request for extending the application range from 200 to 300 mm.

Cases for Sets of IMICRO Analogue

No		mm
00863035		3,5 ÷ 6,5
00863005		6 ÷ 12
00860008		11 ÷ 20
00860012		20 ÷ 40
00860017		40 ÷ 100
00863017		100 ÷ 200



Cases for Single IMICRO Digital Instruments

No		mm
06160002		3,5 ÷ 40
06160003		40 ÷ 100



Cases for Sets of IMICRO Digital

No		mm
06160005		3,5 ÷ 20
06160006		20 ÷ 40
06160007		40 ÷ 100
00863017		100 ÷ 200



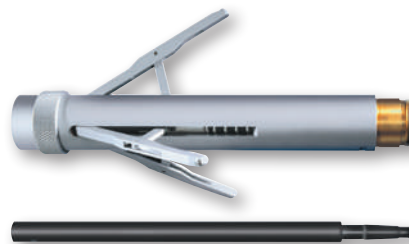
Accessories for Both TESA IMICRO and TESA IMICRO CAPA μ SYSTEM – Extensions for Deep Hole Measurement

No			mm	A mm
00840001			6 ÷ 12	100
00840301			11 ÷ 20	150
00840302			11 ÷ 20	500
00841100			20 ÷ 40	150
00841101			20 ÷ 40	500
00841102			20 ÷ 40	1000
00841800			40 ÷ 100	150
00841801			40 ÷ 100	500
00841802			40 ÷ 100	1000
00842600			100 ÷ 300	150
00842601			100 ÷ 300	500
00842602			100 ÷ 300	1000



Centring Devices for TESA IMICRO

No			mm	A mm
00860001			40 ÷ 100	150
00862601			100 ÷ 200	200



Cases for Single IMICRO Analogue Instruments

No		mm
00860007		11 ÷ 20
00860011		20 ÷ 40
00860015		40 ÷ 70
00860016		70 ÷ 100
00863016		100 ÷ 300